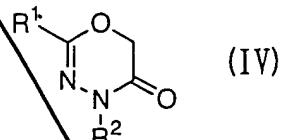


IN THE CLAIMS:

Please amend the claims as follows:

*A2*  
*B*

10. (Amended) The heterodiazinon compound according to claim 7 represented by the following formula (IV):



(wherein R<sup>1</sup> and R<sup>2</sup> have the same meanings as defined above), a pharmacologically acceptable salt thereof or hydrates thereof.

11 (Amended) The heterodiazinon compound according to claim 7, a pharmacologically acceptable salt thereof or hydrates thereof, wherein the aryl group is a group selected from phenyl group, indenyl group, naphthyl group, azulenyl group, heptalenyl group and anthnyl group; the heteroaryl group is a group selected from thienyl group, furyl group, pyranyl group, pyrrolyl group, imidazolyl group, pyrazolyl group, triazolyl group, tetrazolyl group, isothiazolyl group, thiazolyl group, thiadiazolyl group, isoxazolyl group, pyridyl group, pyrazinyl group, pyrimidyl group, pyridazinyl group, indolizinyl group, isoindolyl group, indolyl group, indazolyl group, isoquinolyl group, quinolyl group,

cont.  
a2

phthalazinyl group, naphthylidinyl group, quinoxalinyl group quinazolinyl group and cinolynyl group; and the lower cycloalkyl group is a group selected from cyclopropyl group, cyclobutyl group, cyclopentyl group, cyclohexyl group, cycloheptyl group and cyclooctyl group.

12. (Amended) The heterodiazinon compound according to claim 7, which is the compound selected from the following compounds or pharmacologically acceptable salts thereof or hydrates thereof.

- (1) 2-(2-Pyridyl)-4- phenyl-4H-1,3,4- oxadiazine-5 (6H)-one,
- (2) 2-(2-Pyrazinyl)-4-phenyl-4H -1,3,4-oxadiazine-5 (6H) -one,
- (3) 2-(1-methyl-2-pyrolyl)-4-phenyl-4H-1,3,4-oxadiazine-5 (6H)-one,
- (4) 2,4-diphenyl-4H-1,3,4-oxadiazine-5 (6H)-one,
- (5) 2-(2,3-dimethoxyphenyl)-4-phenyl-4H-1,3,4-oxadiazine-5 (6H)-one,
- (6) 2-(2-pyrrolyl)-4-phenyl-4H-1,3,4-oxadiazine-5 (6H)-one,
- (7) 2-(2-quinolyl)-4-phenyl-4H-1,3,4-oxadiazine-5 (6H)-one,

contd

a 2

- (8) 2-(6-methyl-2-pyridyl)-4-phenyl-4H-1,3,4-oxadiazine-5(6H)-one,
- (9) 2-benzoyloxymethyl-4-phenyl-4H-1,3,4-oxadiazine-5(6H)-one,
- (10) 2-(2-pyridyl)-4-(2,4-difluorophenyl)-4H-1,3,4-oxadiazine-5(6H)-one,
- (11) 2-(2-pyridyl)-4-cyclohexyl-4H-1,3,4-oxadiazine-5(6H)-one,
- (12) 2-(2-chloro-4-pyridyl)-4-phenyl-4H-1,3,4-oxadiazine-5(6H)-one,
- (13) 2-(3-methoxy-2-pyridyl)-4-phenyl-4H-1,3,4-oxadiazine-5(6H)-one,
- (14) 2-(3-hydroxy-2-pyridyl)-4-phenyl-4H-1,3,4-oxadiazine-5(6H)-one,
- (15) 2-styryl-4-phenyl-4H-1,3,4-oxadiazine-5(6H)-one,
- (16) 2-[2-(3-pyridyl)vinyl]-4-phenyl-4H-1,3,4-oxadiazine-5(6H)-one,
- (17) 2-(2-methoxyphenyl)-4-(2-bromophenyl)-4H-1,3,4-oxadiazine-5(6H)-one,
- (18) 2-(4-nitrophenyl)-4-phenyl-4H-1,3,4-oxadiazine-5(6H)-one,
- (19) 2-(3-nitrophenyl)-4-phenyl-4H-1,3,4-oxadiazine-5(6H)-one,
- (20) 2-(2-nitrophenyl)-4-phenyl-4H-1,3,4-oxadiazine-5(6H)-one,
- (21) 2-(4-morpholinyl)-4-phenyl-4H-1,3,4-oxadiazine-5(6H)-

*contd.**a<sup>2</sup>*

one,

(22) 2-cyclohexyl-4-phenyl-4H-1,3,4-oxadiazine-5(6H)-one,

(23) 2-dimethylamino-4-phenyl-4H-1,3,4-oxadiazine-5(6H)-

one,

(24) 2-dimethylamino-4-phenyl-4H-1,3,4-thiadiazine-5(6H)-  
one,(25) 2-(2,6-dimethoxyphenyl)-4-phenyl-4H-1,3,4-oxadiazine-  
5(6H)-one,(26) 2-(2-methoxyphenyl)-4-(2-fluorophenyl)-4H-1,3,4-  
oxadiazine-5(6H)-one,

(27) 2-phenyl-4-cyclohexyl-4H-1,3,4-oxadiazine-5(6H)-one,

(28) 2-(2-methoxyphenyl)-4-cyclohexyl-4H-1,3,4-oxadiazine-  
5(6H)-one,

(29) 2-(3-pyridyl)-4-phenyl-4H-1,3,4-oxadiazine-5(6H)-one,

(30) 2-phenyl-4-(2-bromophenyl)-4H-1,3,4-oxadiazine-5(6H)-  
one,

(31) 2-(2-thienyl)-4-phenyl-4H-1,3,4-oxadiazine-5(6H)-one,

(32) 2-benzyl-4-phenyl-4H-1,3,4-oxadiazine-5(6H)-one,

(33) 2-(2-pyridyl)-4-(2-bromophenyl)-4H-1,3,4-oxadiazine-  
5(6H)-one,(34) 2-(2-pyridyl)-4-(2-fluorophenyl)-4H-1,3,4-oxadiazine-  
5(6H)-one,(35) 2-(2-pyridyl)-4-(2-methoxyphenyl)-4H-1,3,4-oxadiazine-  
5(6H)-one,(36) 2-phenyl-4-(2-cyanophenyl)-4H-1,3,4-oxadiazine-5(6H)-  
one,

*contd.**a 2*

(37) 2-phenyl-4-(2-nitrophenyl)-4H-1,3,4-oxadiazine-5(6H)-one,

(38) 2-phenyl-4-(2-pyridyl)-4H-1,3,4-oxadiazine-5(6H)-one,

(39) 2-phenyl-4-(3-pyridyl)-4H-1,3,4-oxadiazine-5(6H)-one,

(40) 2-phenyl-4-(3-cyano-2-pyridyl)-4H-1,3,4-oxadiazine-5(6H)-one,

(41) 2-phenyl-4-(2-hydroxymethylphenyl)-4H-1,3,4-oxadiazine-5(6H)-one,

(42) 2-phenyl-4-(2-cyano-3-pyridyl)-4H-1,3,4-oxadiazine-5(6H)-one,

(43) 2-phenyl-4-(2-thienyl)-4H-1,3,4-oxadiazine-5(6H)-one,

(44) 2-phenyl-4-(3-thienyl)-4H-1,3,4-oxadiazine-5(6H)-one,

(45) 2-phenyl-4-(4-cyanophenyl)-4H-1,3,4-oxadiazine-5(6H)-one,

(46) 2-phenyl-4-(3-cyanophenyl)-4H-1,3,4-oxadiazine-5(6H)-one,

(47) 2-phenyl-4-(2-cyano-3-thienyl)-4H-1,3,4-oxadiazine-5(6H)-one,

(48) 2-(2-hydroxyphenyl)-4-(2-bromophenyl)-4H-1,3,4-oxadiazine-5(6H)-one,

(49) 2-(2-hydroxyphenyl)-4-phenyl-4H-1,3,4-oxadiazine-5(6H)-one,

(50) 2-phenyl-4-(2-hydroxyphenyl)-4H-1,3,4-oxadiazine-5(6H)-one,

(51) 2-(2-hydroxyphenyl)-4-(2-fluorophenyl)-4H-1,3,4-oxadiazine-5(6H)-one,

contd  
a 2

(52) 2- (2-hydroxyphenyl) -4- (4-fluorophenyl) -4H-1, 3, 4-  
oxadiazine-5 (6H) -one,

(53) 2- (2-hydroxyphenyl) -4- (2, 4-difluorophenyl) -4H-1, 3, 4-  
oxadiazine-5 (6H) -one,

(54) 2- [2- (2-dimethylamino)ethoxyphenyl] -4- (2-bromophenyl) -  
4 H-1, 3, 4-oxadiazine-5 (6H) -one,

(55) 2- [2- (4-pyridyl)methoxyphenyl] -4-phenyl-4H-1, 3, 4-  
oxadiazine-5 (6H) -one,

(56) 2- {2- [2- (4-morpholinyl)ethoxy]phenyl} -4-phenyl-4H-  
1, 3, 4-oxadiazine-5 (6H) -one,

(57) 2- [2- (2-pyridyl)methoxyphenyl] -4-phenyl-4H-1, 3, 4-  
oxadiazine-5 (6H) -one,

(58) 2- [2- (3-pyridyl)methoxyphenyl] -4-phenyl-4H-1, 3, 4-  
oxadiazine-5 (6H) -one,

(59) 2- {2- [2- (1-piperidyl)ethoxy]phenyl} -4-phenyl-4H-1, 3, 4-  
oxadiazine-5 (6H) -one,

(60) 2- {2- [2- (1-pyrrolidinyl)ethoxy]phenyl} -4-phenyl-4H-  
1, 3, 4-oxadiazine-5 (6H) -one,

(61) 2- [2- (2-dimethylaminoethoxy)phenyl] -4-phenyl-4H-1, 3, 4-  
oxadiazine-5 (6H) -one,

(62) 2- [2- (3-dimethylaminopropoxy)phenyl] -4-phenyl-4H-  
1, 3, 4-oxadiazine-5 (6H) -one,

(63) 2- {2- [3- (1-piperidinyl)propoxy]phenyl} -4-phenyl-4H-  
1, 3, 4-oxadiazine-5 (6H) -one,

(64) 2-phenyl- {4- [2- (4-morpholinyl)ethoxy]phenyl} -4H-1, 3, 4-  
oxadiazine-5 (6H) -one,

contd.

a2

(65) 2-phenyl-4-[2-(2-dimethylaminoethoxy)phenyl]-4H-1,3,4-oxadiazine-5(6H)-one,

(66) 2-[2-(2-dimethylaminoethoxy)phenyl]-4-(2-fluorophenyl)-4H-1,3,4-oxadiazine-5(6H)-one,

(67) 2-{2-[2-(4-morpholinyl)ethoxy]phenyl}-4-(2-fluorophenyl)-4H-1,3,4-oxadiazine-5(6H)-one,

(68) 2-{2-[2-(4-morpholinyl)ethoxy]phenyl}-4-(2-bromophenyl)-4H-1,3,4-oxadiazine-5(6H)-one,

(69) 2-{2-[2-(4-morpholinyl)ethoxy]phenyl}-4-cyclohexyl-4H-1,3,4-oxadiazine-5(6H)-one,

(70) 2-{2-[2-(4-morpholinyl)ethoxy]phenyl}-4-(4-fluorophenyl)-4H-1,3,4-oxadiazine-5(6H)-one,

(71) 2-{2-[2-(4-morpholinyl)ethoxy]phenyl}-4-(2,4-difluorophenyl)-4H-1,3,4-oxadiazine-5(6H)-one,

(72) 2-[3-(2-hydroxyethoxy)-2-pyridyl]-4-phenyl-4H-1,3,4-oxadiazine-5(6H)-one,

(73) 2-{3-[2-(4-morpholinyl)ethoxy]-2-pyridyl}-4-phenyl-4H-1,3,4-oxadiazine-5(6H)-one,

(74) 2-{3-[2-(1-piperidyl)ethoxy]-2-pyridyl}-4-phenyl-4H-1,3,4-oxadiazine-5(6H)-one,

(75) 2-{3-[2-(1-pyrrolidinyl)ethoxy]-2-pyridyl}-4-phenyl-4H-1,3,4-oxadiazine-5(6H)-one,

(76) 2-{3-[2-(1-methyl-2-pyrrolidinyl)ethoxy]-2-pyridyl}-4-phenyl-4H-1,3,4-oxadiazine-5(6H)-one,

(77) 2-[3-(2-dimethylaminoethoxy)-2-pyridyl]-4-phenyl-4H-1,3,4-oxadiazine-5(6H)-one,

contd.

a 2

(78) 2-(3-aminophenyl)-4-phenyl-4H-1,3,4-oxadiazine-5(6H)-one,

(79) 2-(2-aminophenyl)-4-phenyl-4H-1,3,4-oxadiazine-5(6H)-one,

(80) 2-phenyl-4-(tetrahydro-4H-pyran-4-yl)-4H-1,3,4-oxadiazine-5(6H)-one,

(81) 2-phenyl-4-(1-methyl-4-piperidyl)-4H-1,3,4-oxadiazine-5(6H)-one,

(82) 2-phenyl-4-(3-quinuclidinyl)-4H-1,3,4-oxadiazine-5(6H)-one,

(83) 2-pyridyl-4-(1-benzyl-4-piperidyl)-4H-1,3,4-oxadiazine-5(6H)-one,

(84) 2-phenyl-4-(3-tetrahydrofuryl)-4H-1,3,4-oxadiazine-5(6H)-one,

(85) 2-phenyl-4-cyclopentyl-4H-1,3,4-oxadiazine-5(6H)-one,

(86) 2-phenyl-4-(1-benzyl-4-piperidyl)-4H-1,3,4-oxadiazine-5(6H)-one,

(87) 2-phenyl-4-[1-(2-pyridyl)ethyl]-4H-1,3,4-oxadiazine-5(6H)-one,

(88) 2-phenyl-4-[1-(3-pyridyl)ethyl]-4H-1,3,4-oxadiazine-5(6H)-one,

(89) 2-phenyl-4-[1-(4-pyridyl)ethyl]-4H-1,3,4-oxadiazine-5(6H)-one,

(90) 2-(3-dimethylaminophenyl)-4-phenyl-4H-1,3,4-oxadiazine-5(6H)-one,

(91) 2-(2-dimethylaminophenyl)-4-phenyl-4H-1,3,4-

*contd.**a<sup>2</sup>*

oxadiazine-5(6H)-one,

(92) 2-[2-(4-pyridyl)methylaminophenyl]-4-phenyl-4H-1,3,4-

oxadiazine-5(6H)-one,

(93) 2-[2-(3-pyridyl)methylaminophenyl]-4-phenyl-4H-1,3,4-

oxadiazine-5(6H)-one,

(94) 2-(4-pyridyl)-4-phenyl-4H-1,3,4-oxadiazine-5(6H)-one,

(95) N-(2-pyridyl)-[4-phenyl-4H-1,3,4-oxadiazine-5(6H)-one-

2-yl]carboxamide,

(96) N-(3-pyridyl)-[4-phenyl-4H-1,3,4-oxadiazine-5(6H)-one-

2-yl]carboxamide,

(97) N-(4-pyridyl)-[4-phenyl-4H-1,3,4-oxadiazine-5(6H)-one-

2-yl]carboxamide,

(98) 1,3-diphenyl-4-methyl-4,5-dihydro-1,2,4-triazine-6(1H)-one and

(99) 1-phenyl-3-(2-pyridyl)-4-methyl-4,5-dihydro-1,2,4-triazine-6(1H)-one.